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Southern Pulpwood Production, 1987

Cecil C. Hutchins, Jr.

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Southern Pulpwood Production, 1987

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Asheville, North Carolina
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New Orleans, Louisiana
of the
Forest Service, U.S. Department of Agriculture
in cooperation with the
AMERICAN PULPWOOD ASSOCIATION



Southern Counties

Southern Pulpwood Production, 1987

Introduction

"Southern Pulpwood Production" is an annual report published by the Southeastern and Southern Forest Experiment Stations for the 12 Southern States. The volume of raw material shipments between regions is obtained by exchanging information with other Experiment Stations. Findings represent a 100-percent canvass of pulpmills. Volumes are recorded in standard cords. Roundwood is reported by county; residues by State.

Highlights

More than 62 million cords of pulpwood were consumed during 1987 by 106 pulpmills operating in the South. This was a 3-percent increase over 1986. Mill capacity increased by almost 3 percent to 123,189 tons per day. One pulpmill was added during 1987; another was under construction.

Pulpwood Production

The economy continued to expand during 1987. With demand for paper products increasing, pulpmills operated at near capacity. Pulpwood production increased by 3 percent and totaled more than 62 million cords (see table 1). All types of material used for pulp increased except hardwood roundwood, which declined by 1 percent. The major source of raw material continues to be softwood roundwood, which accounts for 45 percent of the total furnish. Pulpwood production for the Southeast and Midsouth regions increased by 4 and 2 percent, respectively.

Roundwood

Total roundwood production in the South increased by 2 percent, with softwood increasing 3 percent and hardwood decreasing by 1 percent. For the sixth year in a row, the five Southeastern States produced more softwood roundwood than the Midsouth. The Midsouth, however, produces more hardwood (see table 6). Georgia and Alabama continue as the highest producers of pulpwood. Georgia produced over 6 million cords of softwood--almost twice as much as any other State. Alabama was the leading producer of hardwood with 3 million cords. Five counties in the South produced 300,000 cords or more, 13 counties produced 200,000 cords or more, and 107 counties produced in excess of 100,000 cords. Monroe County, AL, and Taylor County, FL, were the leading producers with 350,000 cords each (see tables 7-18).

Plant Residues

In 1987, more than 21 million cords of wood residues--some 34 percent of the total production--were used for pulp. The proportion of residues to roundwood has been approximately the same for the last ten years. Total residues increased by 6 percent in 1987. Georgia used the most residues of any State--3.3 million cords--(see table 4). Chips accounted for 99 percent of the residues, with softwood making up 75 percent of this total (see table 5). The leading producer of hardwood residues was Arkansas with 834,600 cords. Percentagewise, Tennessee had the greatest increase, 33 percent, whereas Alabama declined by 8 percent.

Regional Differences

As shown in table 6, the Midsouth produced 53 percent of the South's pulpwood during 1987--33 of 62 million cords. It also produced both the most roundwood and residues during the year. The Southeast continued to lead the South in production of softwood roundwood, but the Midsouth produced more residue. Production of both hardwood roundwood and residue decreased in the Southeast, whereas increases occurred in the Midsouth.

Pulping Capacity

The addition of one pulpmill during 1987 brings the total number of mills operating in the South to 106. Pulping capacity increased by almost 3 percent

to a record 123,189 tons per day (see table 19). Sulfate continues to be the primary process for pulping, accounting for 78 percent of the capacity. Five mills from outside the Southern region drew part of their raw material from the South during 1987 (see table 20). One new pulpmill is under construction in Mississippi (see table 21).

Trends

Substantial increases in pulpwood production occurred between 1965 and 1970 and between 1975 and 1980. With greater use being made of hardwoods and all types of residues (fig. 1), however, pulpwood production since 1980 has increased at a much slower pace.

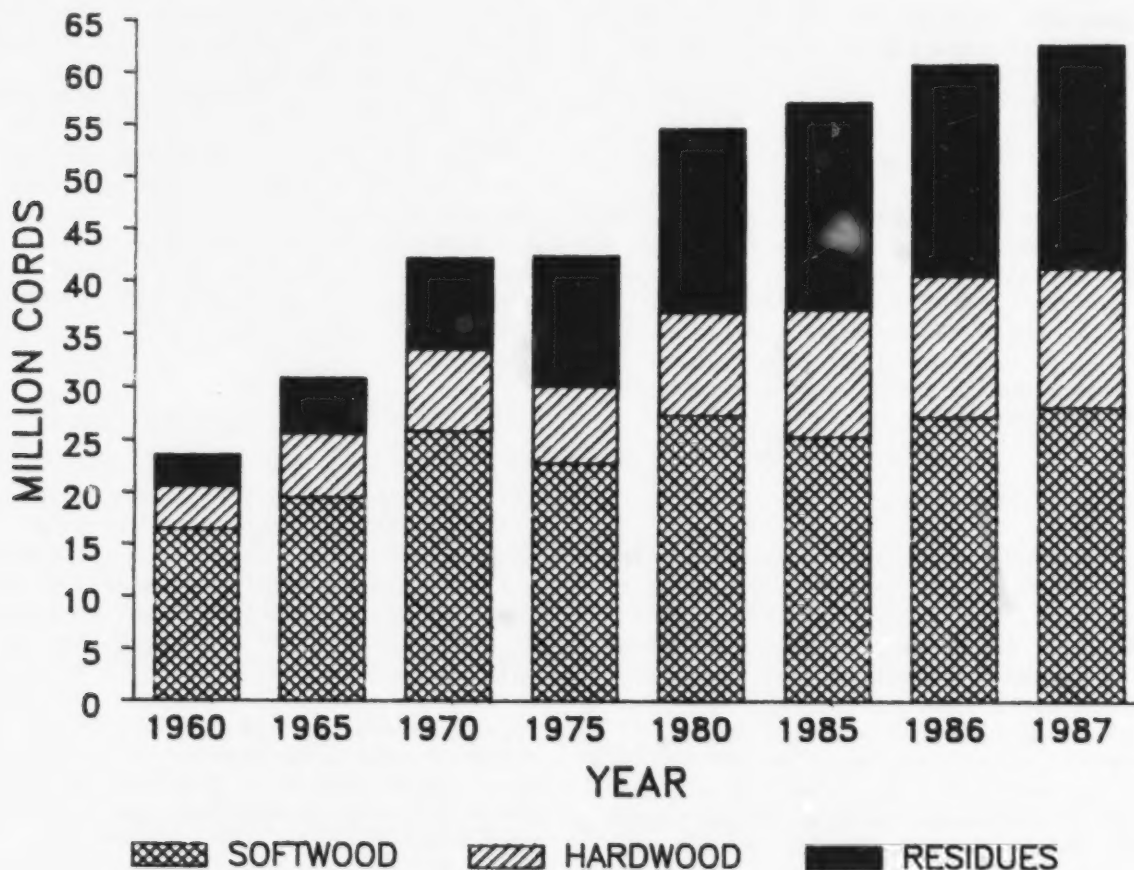


Figure 1--Southern pulpwood production, 1960-1987.

Table 1.--Pulpwood production in the South during 1987, and change since 1986

State	Pulpwood	Change
	<u>Thousand cords</u>	<u>Percent</u>
Alabama	9,322.0	-3
Arkansas	5,013.2	12
Florida	4,645.5	13
Georgia	10,659.3	4
Louisiana	5,787.7	7
Mississippi	6,955.2	-2
North Carolina	5,766.7	7
Oklahoma	608.0	4
South Carolina	5,271.7	9
Tennessee	1,353.7	-8
Texas	4,035.2	7
Virginia	3,016.5	-17
All States	62,434.7	3

Table 2.--Roundwood production in the South, by State and species group, 1987

State	All species	Softwood	Hardwood
<u>Thousand cords</u>			
Alabama	7,061.4	3,972.4	3,089.0
Arkansas	2,070.6	1,154.0	916.6
Florida	3,529.9	3,261.0	268.9
Georgia	7,322.8	6,075.4	1,247.4
Louisiana	4,130.8	3,065.5	1,065.3
Mississippi	4,649.7	2,604.4	2,045.3
North Carolina	3,890.0	2,290.9	1,599.1
Oklahoma	98.8	54.7	44.1
South Carolina	3,587.8	2,465.5	1,122.3
Tennessee	1,020.1	615.1	405.0
Texas	1,947.9	1,518.1	429.8
Virginia	1,854.5	905.0	949.5
All States	41,164.3	27,982.0	13,182.3

Table 3.--Roundwood production in the South, by State and species group, 1987 and 1986

State	Change from 1986	1987			1986		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Percent	Thousand cords					
Alabama	-1	7,061.4	3,972.4	3,089.0	7,137.0	4,137.3	2,999.7
Arkansas	+17	2,070.6	1,154.0	916.6	1,766.2	871.8	894.4
Florida	+16	3,529.9	3,261.0	268.9	3,039.8	2,823.7	216.1
Georgia	3	7,322.8	6,075.4	1,247.4	7,125.4	5,883.7	1,241.7
Louisiana	+11	4,130.8	3,065.5	1,065.3	3,731.5	2,773.5	958.0
Mississippi	-6	4,649.7	2,604.4	2,045.3	4,935.6	2,979.4	1,956.2
North Carolina	+6	3,890.0	2,290.9	1,599.1	3,655.1	2,105.6	1,549.5
Oklahoma	-5	98.8	54.7	44.1	104.3	55.5	48.8
South Carolina	+12	3,587.8	2,465.5	1,122.3	3,211.6	2,175.5	1,036.1
Tennessee	-17	1,020.1	615.1	405.0	1,227.8	788.9	438.9
Texas	-6	1,947.9	1,518.1	429.8	2,070.2	1,444.0	626.2
Virginia	-24	1,854.5	905.0	949.5	2,434.9	1,076.0	1,358.9
All States	+2	41,164.3	27,982.0	13,182.3	40,439.4	27,114.9	13,324.5

Table 4.--Southern output of wood residues for pulp manufacture, by State and species group, 1987 and 1986

State	Change from 1986	1987			1986		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Percent	Thousand cords					
Alabama	-8	2,260.6	1,661.5	599.1	2,447.4	1,881.3	566.1
Arkansas	+9	2,942.6	2,108.0	834.6	2,711.7	1,960.8	750.9
Florida	+4	1,115.6	1,086.3	29.3	1,069.8	1,025.6	44.2
Georgia	+8	3,336.5	3,066.4	270.1	3,087.3	2,818.9	268.4
Louisiana	-2	1,656.9	1,257.8	399.1	1,699.2	1,324.8	374.4
Mississippi	+5	2,305.5	1,546.5	759.0	2,193.4	1,522.7	670.7
North Carolina	+9	1,876.7	1,356.9	519.8	1,714.3	1,205.0	509.3
Oklahoma	+6	509.2	385.0	124.2	482.0	373.3	108.7
South Carolina	+5	1,683.9	1,503.0	180.9	1,602.9	1,427.9	175.0
Tennessee	+33	333.6	42.4	291.2	251.0	47.6	203.4
Texas	+23	2,087.3	1,439.0	648.3	1,700.3	1,315.3	385.0
Virginia	-2	1,162.0	737.7	424.3	1,190.3	664.3	526.0
All States	+6	21,270.4	16,190.5	5,079.9	20,149.6	15,567.5	4,582.1

Table 5.--Southern output of wood residues for pulp manufacture, by State and type of residue, 1987

State	All types	Chips			Other residues ^a		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
Thousand cords							
Alabama	2,260.6	2,168.6	1,610.8	557.8	92.0	50.7	41.3
Arkansas	2,942.6	2,921.2	2,086.6	834.6	21.4	21.4	--
Florida	1,115.6	1,115.6	1,086.3	29.3	--	--	--
Georgia	3,336.5	3,308.0	3,037.9	270.1	28.5	28.5	--
Louisiana	1,656.9	1,656.9	1,257.8	399.1	--	--	--
Mississippi	2,305.5	2,304.2	1,546.5	757.7	1.3	--	1.3
North Carolina	1,876.7	1,858.7	1,346.2	512.5	18.0	10.7	7.3
Oklahoma	509.2	489.7	365.5	124.2	19.5	19.5	--
South Carolina	1,683.9	1,673.9	1,493.0	180.9	10.0	10.0	--
Tennessee	333.6	261.9	42.4	219.5	71.7	--	71.7
Texas	2,087.3	2,073.9	1,425.6	648.3	13.4	13.4	--
Virginia	1,162.0	1,130.4	726.7	403.7	31.6	11.0	20.6
All States	21,270.4	20,963.0	16,025.3	4,937.7	307.4	165.2	142.2

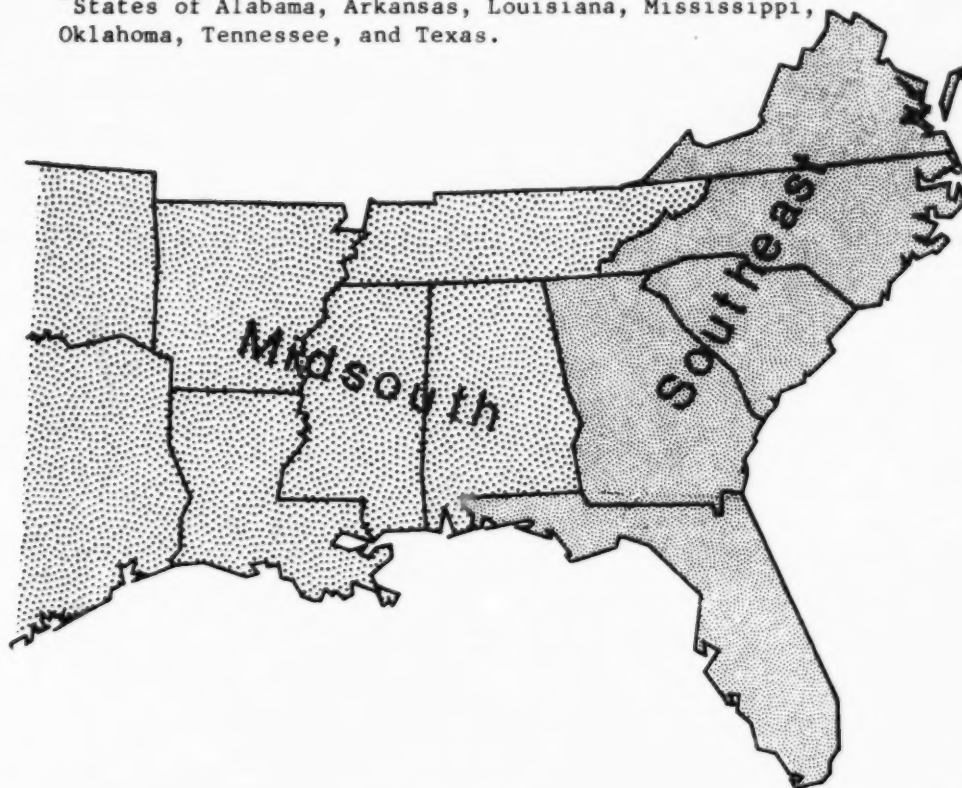
^aVeneer cores, pole and piling trim, cull material, sawdust, and secondary residues.

Table 6.--Pulpwood production in the Southeast and the Midsouth, 1987

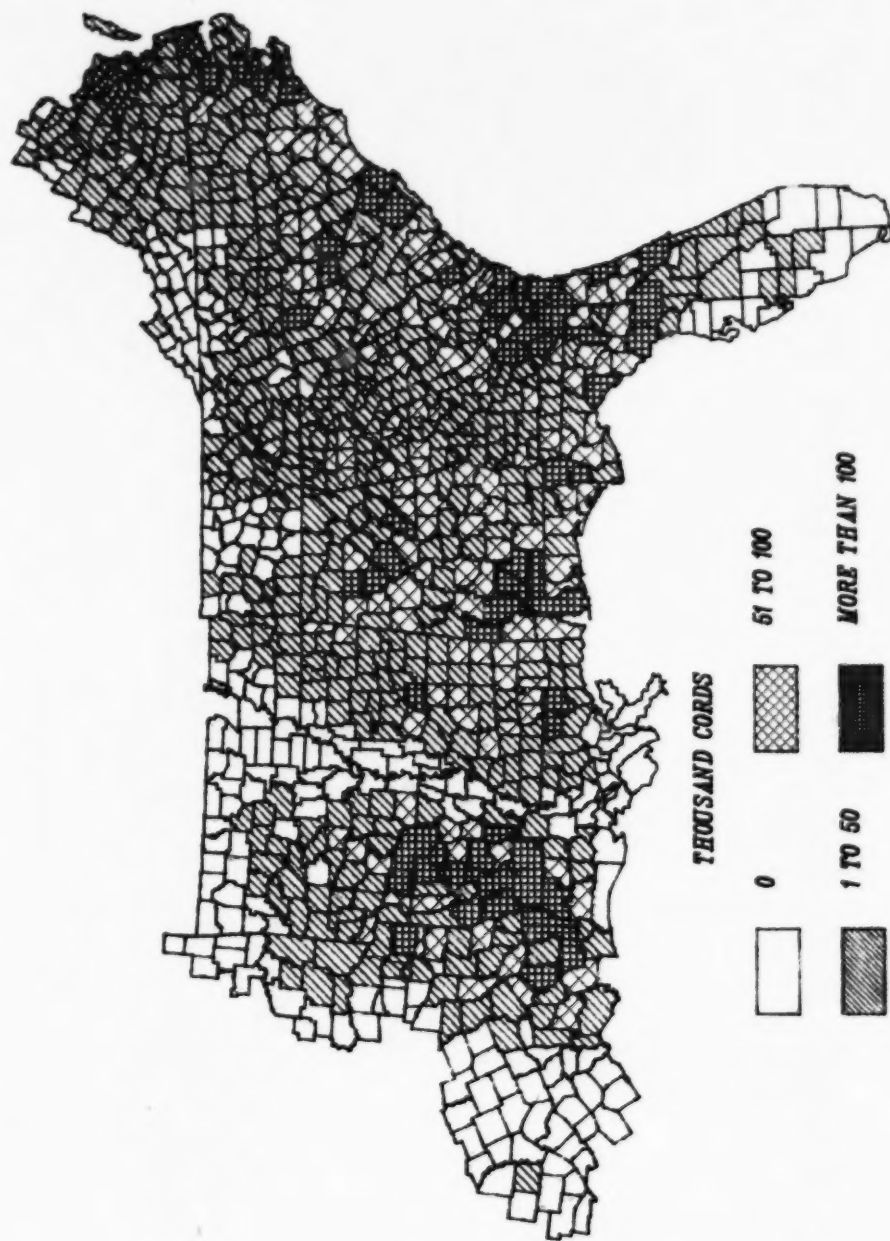
Region and source of wood	All species	Softwood	Hardwood
<u>Standard cords</u>			
Southeast^a			
Roundwood	20,184,929	14,997,696	5,187,233
Residues	9,174,651	7,750,293	1,424,358
Total	29,359,580	22,747,989	6,611,591
Midsouth^b			
Roundwood	20,979,354	12,984,332	7,995,022
Residues	12,095,759	8,440,255	3,655,504
Total	33,075,113	21,424,587	11,650,526
Entire South			
Roundwood	41,164,283	27,982,028	13,182,255
Residues	21,270,410	16,190,548	5,079,862
Total	62,434,693	44,172,576	18,262,117

^a States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

^b States of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.



SOFTWOOD ROUNDWOOD PRODUCTION, 1987



HARDWOOD ROUNDWOOD PRODUCTION, 1987

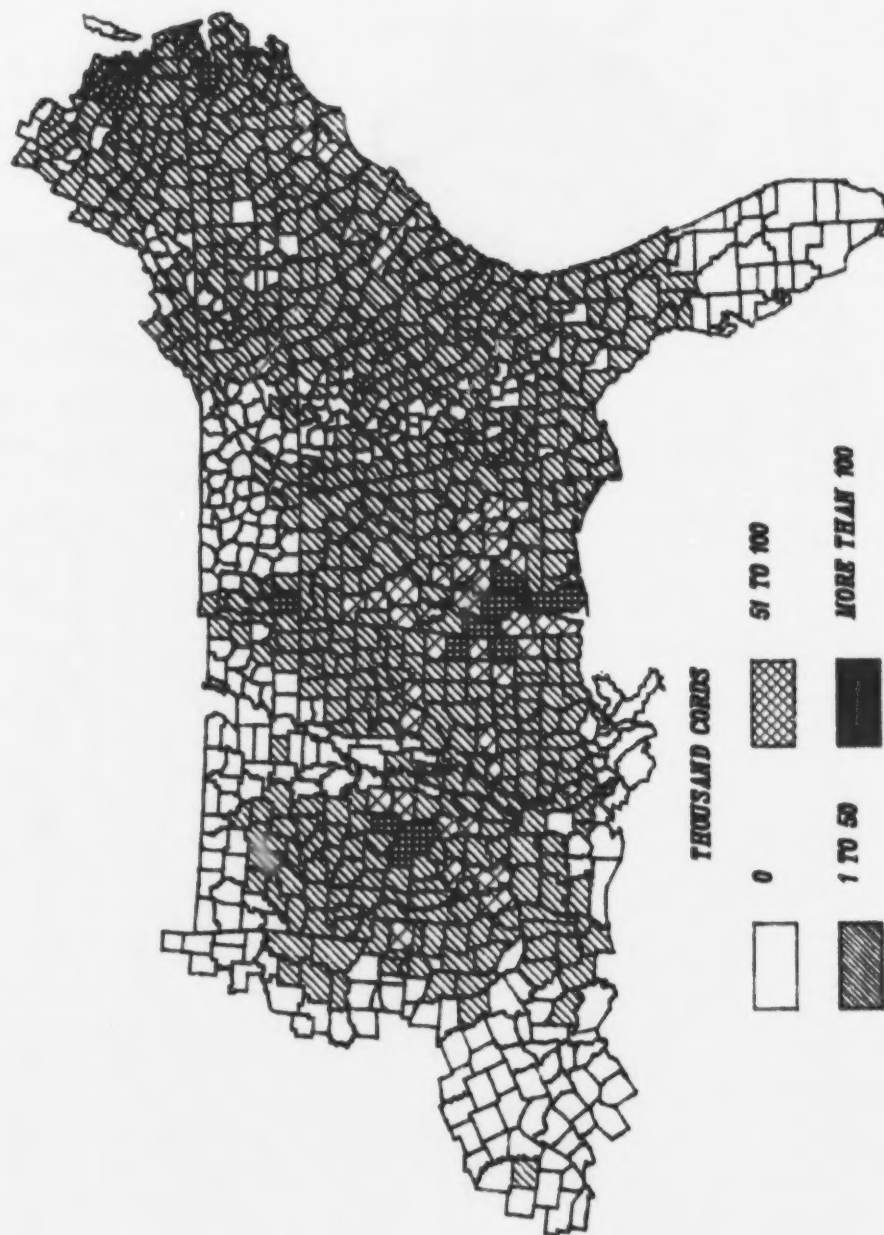


Table 7.--Round pulpwood production in Alabama, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Autauga	76,184	44,731	31,453	Jackson	46,494	11,452	35,042
Baldwin	250,815	142,644	108,171	Jefferson	131,823	105,595	26,228
Barbour	88,858	58,915	29,943	Lamar	82,431	32,689	49,742
Bibb	111,404	81,653	29,751	Lauderdale	29,388	8,014	21,374
Blount	70,620	39,830	30,790	Lawrence	13,479	5,033	8,446
Bullock	74,282	51,401	22,881	Lee	59,745	46,710	13,035
Butler	181,998	87,961	94,037	Limestone	9,031	7,607	1,424
Calhoun	39,552	35,079	4,473	Lowndes	99,052	49,929	49,123
Chambers	91,894	56,311	35,583	Macon	68,039	38,320	29,719
Cherokee	25,918	19,325	6,593	Madison	1,871	746	1,125
Chilton	77,668	43,396	34,272	Marengo	188,718	95,517	93,201
Choctaw	292,039	119,436	172,603	Marion	128,605	65,994	62,611
Clarke	313,909	145,912	167,997	Marshall	21,898	7,410	14,488
Clay	74,941	53,879	21,062	Mobile	172,647	75,733	96,914
Cleburne	57,438	43,777	13,661	Monroe	349,541	211,307	138,234
Coffee	104,670	46,669	58,001	Montgomery	122,676	65,703	56,973
Colbert	75,340	38,791	36,549	Morgan	26,055	12,679	13,376
Conecuh	178,655	111,863	66,792	Perry	109,837	41,969	67,868
Coosa	94,194	62,319	31,875	Pickens	158,490	70,434	88,056
Covington	86,716	53,253	33,463	Pike	180,749	85,321	95,428
Crenshaw	109,747	48,527	61,220	Randolph	84,781	59,659	25,122
Cullman	96,032	67,827	28,205	Russell	74,376	54,291	20,085
Dale	88,451	45,331	43,120	St. Clair	60,522	48,149	12,373
Dallas	133,274	54,370	78,904	Shelby	109,592	83,380	26,212
De Kalb	38,751	21,730	17,021	Sumter	92,287	43,052	49,235
Elmore	38,931	27,112	11,819	Talladega	150,479	122,294	28,185
Escambia	152,114	103,479	48,635	Tallapoosa	114,337	74,405	39,932
Etowah	34,630	27,098	7,532	Tuscaloosa	162,740	88,654	74,086
Fayette	110,641	53,217	57,424	Walker	162,669	120,828	41,841
Franklin	92,705	44,937	47,768	Washington	165,199	84,913	80,286
Geneva	28,277	15,521	12,756	Wilcox	155,308	58,952	96,356
Greene	108,650	37,009	71,641	Winston	145,776	117,248	28,528
Hale	45,784	18,504	27,280	All counties	7,061,404	3,972,432	3,088,972
Henry	78,021	39,625	38,396				
Houston	59,666	37,013	22,653				

^a Counties with no pulpwood production are omitted.

Table 8.--Round pulpwood production in Arkansas, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
<u>Standard cords</u>				<u>Standard cords</u>			
Ashley	119,636	59,374	60,262	Logan	10,141	7,527	2,614
Bradley	141,675	30,485	111,190	Lonoke	1,585	--	1,585
Calhoun	57,985	39,279	18,706	Miller	64,782	36,805	27,977
Carroll	6	6	--	Monroe	168	168	--
Chicot	8,223	--	8,223	Montgomery	19,388	10,776	8,612
Clark	54,526	31,701	22,825	Nevada	71,768	47,177	24,591
Cleburne	13,554	7,772	5,782	Ouachita	115,219	74,299	40,920
Cleveland	31,483	16,838	14,645	Perry	13,093	7,086	6,007
Columbia	135,710	104,270	31,440	Phillips	4	4	--
Conway	10,261	6,252	4,009	Pike	24,541	16,000	8,541
Cross	824	--	824	Poinsett	91	71	20
Dallas	92,310	62,037	30,273	Polk	18,034	8,628	9,406
Drew	108,840	40,712	68,128	Pope	14,297	10,051	4,246
Faulkner	3,078	192	2,886	Prairie	81	--	81
Franklin	14	14	--	Pulaski	18,832	2,754	16,078
Fulton	38	22	16	Saline	32,924	18,893	14,031
Garland	4,452	237	4,215	Scott	18,379	9,193	9,186
Grant	94,625	77,283	17,342	Sebastian	60	26	34
Hempstead	63,428	34,593	28,835	Sevier	68,828	33,679	35,149
Hot Spring	54,368	29,323	25,045	Sharp	9	--	9
Howard	29,589	12,197	17,392	Stone	2,031	1,093	938
Independence	18	6	12	Union	257,966	145,355	112,611
Jefferson	56,817	29,801	27,016	Van Buren	16,675	8,404	8,271
Johnson	5,445	4,070	1,375	Washington	13	13	--
Lafayette	84,686	63,536	21,150	White	4,750	3,360	1,390
Lee	11	11	--	Yell	13,496	6,588	6,908
Lincoln	22,811	4,478	18,333	All counties	2,070,667	1,154,024	916,643
Little River	89,099	51,585	37,514				

^aCounties with no pulpwood production are omitted.

Table 9.--Round pulpwood production in Florida, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Alachua	65,795	62,402	3,393	Lafayette	61,314	61,141	173
Baker	87,523	87,424	99	Lake	5,799	4,907	892
Bay	96,285	94,954	1,331	Leon	32,127	30,634	1,493
Bradford	102,825	100,849	1,976	Levy	154,826	132,504	22,322
Brevard	6,925	6,726	199	Liberty	65,534	64,679	855
Broward	24	--	24	Madison	72,750	53,860	18,890
Calhoun	186,444	185,504	940	Manatee	451	451	--
Charlotte	17,226	17,226	--	Marion	115,824	113,340	2,484
Citrus	6,573	4,787	1,786	Nassau	182,237	172,894	9,343
Clay	92,121	84,624	7,497	Okaloosa	39,562	31,073	8,489
Collier	--	--	--	Okeechobee	2,500	2,500	--
Columbia	117,438	115,275	2,163	Orange	2,407	2,407	--
De Soto	7,295	7,295	--	Osceola	2,500	2,500	--
Dixie	114,663	87,877	26,786	Polk	2,593	2,593	--
Duval	95,626	92,096	3,530	Putnam	75,586	69,977	5,609
Escambia	70,623	56,985	13,638	St. Johns	110,821	103,555	7,266
Flagler	64,796	62,934	1,862	St. Lucie	3,064	3,064	--
Franklin	22,247	21,406	841	Santa Rosa	96,160	87,981	8,179
Gadsden	83,393	59,676	23,717	Sumter	11,274	9,488	1,786
Gilchrist	53,984	51,786	2,198	Suwannee	97,681	97,014	667
Glades	6,564	6,564	--	Taylor	350,191	332,487	17,704
Gulf	49,612	48,761	851	Union	31,869	30,302	1,567
Hamilton	50,160	49,197	963	Volusia	106,145	101,242	4,903
Hendry	42,555	42,555	--	Wakulla	72,690	71,850	840
Hernando	992	278	714	Walton	93,028	77,314	15,714
Holmes	51,767	42,955	8,812	Washington	64,327	59,937	4,390
Indian River	2,407	2,407	--	All counties	3,529,888	3,260,971	268,917
Jackson	144,711	116,350	28,361				
Jefferson	36,054	32,384	3,670				

^aCounties with no pulpwood production are omitted.

Table 10.--Round pulpwood production in Georgia, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Appling	115,904	105,884	10,020	Early	69,428	55,685	13,743
Atkinson	127,092	123,356	3,736	Echols	53,441	53,244	197
Bacon	89,613	88,513	1,100	Effingham	143,739	131,047	12,692
Baker	10,248	7,938	2,310	Elbert	27,204	19,514	7,690
Baldwin	40,652	25,526	15,126	Emanuel	104,961	64,495	40,466
Banks	12,666	12,565	101	Evans	33,193	22,636	10,557
Barrow	26,073	23,205	2,868	Fannin	6,282	6,282	--
Bartow	57,549	51,690	5,859	Fayette	3,804	3,773	31
Ben Hill	58,550	42,762	15,788	Floyd	110,816	95,115	15,701
Berrien	38,060	36,237	1,823	Forsyth	13,807	13,687	120
Bibb	16,212	13,137	3,075	Franklin	47,558	40,171	7,387
Bleckley	8,943	6,462	2,481	Fulton	19,458	18,097	1,361
Brantley	124,363	109,245	15,118	Gilmer	4,578	4,530	48
Brooks	18,988	17,890	1,098	Glascok	14,744	1,186	13,558
Bryan	94,743	83,853	10,890	Glynn	161,046	121,232	39,814
Bulloch	84,199	60,208	23,991	Gordon	55,226	53,381	1,845
Burke	107,295	61,530	45,765	Grady	28,556	25,434	3,122
Butts	50,490	42,074	8,416	Greene	40,208	26,159	14,049
Calhoun	59,267	41,808	17,459	Gwinnett	36,091	33,851	2,240
Camden	203,634	173,925	29,709	Habersham	25,683	24,025	1,658
Candler	14,581	10,841	3,740	Hall	12,934	12,934	--
Carroll	84,482	78,491	5,991	Hancock	73,845	52,351	21,494
Catoosa	37,279	28,811	8,468	Haralson	32,867	30,080	2,787
Charlton	120,729	109,626	11,103	Harris	41,422	32,575	8,847
Chatham	51,924	48,926	2,998	Hart	7,822	7,011	811
Chattahoochee	13,019	7,334	5,685	Heard	51,170	47,247	3,923
Chattooga	55,851	31,828	24,023	Henry	64,837	60,939	3,898
Cherokee	76,050	65,743	10,307	Houston	44,639	43,160	1,479
Clarke	6,683	5,872	811	Irwin	2,525	2,525	--
Clay	16,943	11,189	5,754	Jackson	16,508	15,435	1,073
Clinch	193,215	184,450	8,765	Jasper	28,816	26,488	2,328
Cobb	37,197	34,547	2,650	Jeff Davis	76,271	66,662	9,609
Coffee	112,346	104,755	7,591	Jefferson	38,276	21,381	16,895
Colquitt	67,246	62,906	4,340	Jenkins	21,644	4,702	16,942
Columbia	35,505	28,937	6,568	Johnson	22,609	18,535	4,074
Cook	32,081	31,911	170	Jones	30,630	27,308	3,322
Coweta	25,989	24,599	1,390	Lamar	16,108	16,108	--
Crawford	59,519	59,519	--	Lanier	18,471	18,180	291
Crisp	37,588	36,879	709	Laurens	94,234	58,976	35,258
Dade	28,474	22,742	5,732	Lee	17,678	16,802	876
Dawson	11,270	11,054	216	Liberty	71,028	58,714	12,314
Decatur	75,216	51,610	23,606	Lincoln	28,596	21,781	6,815
De Kalb	2,085	2,085	--	Long	184,954	135,694	49,260
Dodge	120,689	87,647	33,042				
Dooley	7,495	6,609	886				
Dougherty	25,241	23,100	2,141				
Douglas	30,391	29,932	459				

Continued

Table 10.--Round pulpwood production in Georgia, 1987--Continued

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Lowndes	34,758	30,053	4,705	Seminole	1,057	598	459
Lumpkin	6,078	6,030	48	Spalding	19,490	19,490	-
McDuffie	9,599	3,464	6,135	Stephens	5,441	5,117	324
McIntosh	114,023	100,717	13,306	Stewart	40,546	34,711	5,835
Macon	37,164	37,164	--	Sumter	48,323	25,464	22,859
Madison	13,154	12,830	324	Talbot	36,546	28,596	7,950
Marion	46,171	32,472	13,699	Taliaferro	18,961	6,606	12,355
Meriwether	101,819	82,608	19,211	Tattnall	54,395	48,235	6,160
Miller	13,228	7,530	5,698	Taylor	20,430	18,945	1,485
Mitchell	25,080	20,869	4,211	Telfair	71,582	65,906	5,676
Monroe	58,446	58,446	--	Terrell	5,689	5,316	373
Montgomery	24,590	20,779	3,811	Thomas	34,155	27,004	7,151
Morgan	11,156	9,899	1,257	Tift	7,943	7,930	13
Murray	28,004	27,692	312	Toombs	40,487	38,305	2,182
Muscogee	2,135	1,593	542	Towns	2,024	2,024	--
Newton	4,045	4,045	--	Treutlen	14,734	11,329	3,405
Oconee	18,407	15,961	2,446	Troup	64,110	54,080	10,030
Oglethorpe	61,771	45,105	16,666	Turner	22,769	22,701	68
Paulding	15,810	15,390	420	Twiggs	38,391	27,883	10,508
Peach	19,481	19,481	--	Union	14,321	13,077	1,244
Pickens	28,637	28,397	240	Upson	33,451	33,451	--
Pierce	69,403	64,313	5,090	Walker	29,679	24,562	5,117
Pike	5,210	5,210	--	Walton	8,085	6,221	1,864
Polk	21,832	18,460	3,372	Ware	143,383	138,340	5,043
Pulaski	2,312	1,826	486	Warren	53,509	31,202	22,307
Putnam	19,509	18,613	896	Washington	76,564	32,215	44,349
Quitman	8,230	6,876	1,354	Wayne	324,970	302,814	22,156
Rabun	259	57	202	Webster	25,645	21,886	3,759
Randolph	34,815	30,305	4,510	Wheeler	42,959	28,781	14,178
Richmond	22,208	12,334	9,874	White	4,218	4,218	--
Rockdale	480	480	--	Whitfield	64,184	49,150	15,034
Schley	11,897	9,950	1,947	Wilcox	67,400	61,662	5,738
Screven	75,271	49,052	26,219	Wilkes	132,699	87,679	45,020
				Wilkinson	54,584	19,235	35,349
				Worth	33,755	33,755	--
				All counties	7,322,797	6,075,372	1,247,425

^aCounties with no pulpwood production are omitted.

Table 11.--Round pulpwood production in Louisiana, 1987

Parish ^a	All species	Softwood	Hardwood	Parish ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Acadia	2,676	2,651	25	Madison	29,467	36	29,431
Allen	93,412	89,306	4,106	Morehouse	51,890	17,262	34,628
Ascension	2,647	702	1,945	Natchitoches	239,892	162,983	76,909
Avoyelles	16,387	2,872	13,515	Orleans	23	--	23
Beauregard	294,204	291,267	2,937	Ouachita	111,679	55,446	56,233
Bienville	277,840	218,550	59,290	Pointe Coupee	1,287	--	1,287
Bossier	94,830	69,436	25,394	Rapides	173,769	158,818	14,951
Caddo	72,418	45,818	26,600	Red River	73,533	46,172	27,361
Calcasieu	96,054	95,246	808	Richland	1,903	69	1,834
Caldwell	113,708	55,420	58,288	Sabine	276,277	204,787	71,490
Catahoula	31,253	14,464	16,789	St. Charles	95	--	95
Claiborne	140,180	109,116	31,064	St. Helena	43,885	27,218	16,667
Concordia	14,379	5	14,374	St. James	119	--	119
De Soto	180,528	135,555	44,973	St. Landry	538	154	384
East Baton Rouge	3,327	1,164	2,163	St. Martin	1,208	--	1,208
East Carroll	8,665	18	8,647	St. Tammany	40,551	37,644	2,907
East Feliciana	10,121	6,134	3,987	Tangipahoa	21,729	12,148	9,581
Evangeline	21,792	18,755	3,037	Tensas	25,947	27	25,920
Franklin	4,756	306	4,450	Union	242,565	128,033	114,532
Grant	91,131	69,812	21,319	Vermilion	42	42	--
Iberia	12	--	12	Vernon	326,517	288,354	38,163
Iberville	4,201	31	4,170	Washington	115,119	102,228	12,891
Jackson	128,002	98,983	29,019	Webster	64,560	43,225	21,335
Jefferson	9	4	5	West Baton Rouge	578	82	496
Jefferson Davis	30,976	30,576	400	West Carroll	670	336	334
Lafayette	2,148	1,250	898	West Feliciana	3,238	438	2,800
La Salle	158,484	136,539	21,945	Winn	196,290	146,264	50,026
Lincoln	149,896	112,099	37,797	All parishes	4,130,818	3,065,539	1,065,279
Livingston	43,411	27,694	15,717				

^aParishes with no pulpwood production are omitted.

Table 12.--Round pulpwood production in Mississippi, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Adams	49,986	3,825	46,161	Lincoln	93,618	46,178	47,440
Alcorn	36,364	28,398	7,966	Lowndes	13,541	3,939	9,602
Amite	58,287	38,744	19,543	Madison	23,890	12,178	11,712
Attala	161,556	104,070	57,486	Marion	84,467	50,986	33,481
Benton	39,905	35,734	4,171	Marshall	13,769	12,086	1,683
Bolivar	22	22	--	Monroe	9,894	7,735	2,159
Calhoun	15,084	10,044	5,040	Montgomery	52,951	16,592	36,359
Carroll	49,232	19,809	29,423	Neshoba	69,227	33,561	35,666
Chickasaw	23,653	22,633	1,020	Newton	77,350	31,229	46,121
Choctaw	48,195	42,816	5,379	Noxubee	45,782	21,009	24,773
Claiborne	55,729	12,352	43,377	Oktibbeha	29,713	24,497	5,216
Clarke	139,335	56,188	83,147	Panola	21,349	9,230	12,119
Clay	10,918	7,765	3,153	Pearl River	136,052	120,606	15,446
Copiah	140,371	52,513	87,858	Perry	73,816	50,448	23,368
Covington	89,148	41,578	47,570	Pike	62,891	38,793	24,098
De Soto	70	45	25	Pontotoc	24,425	20,517	3,908
Forrest	108,547	59,512	49,035	Prentiss	56,155	37,634	18,521
Franklin	84,754	37,924	46,830	Quitman	1,589	331	1,258
George	42,621	22,937	19,684	Rankin	111,141	66,146	44,995
Greene	173,953	93,684	80,269	Scott	115,740	79,267	36,473
Grenada	20,063	12,369	7,694	Sharkey	186	11	175
Hancock	41,580	35,871	5,709	Simpson	80,209	43,730	36,479
Harrison	41,806	40,303	1,503	Smith	91,484	41,364	50,120
Hinds	45,630	20,336	25,294	Stone	47,784	35,197	12,587
Holmes	106,518	52,717	53,801	Tallahatchie	5,089	1,829	3,260
Humphreys	168	48	120	Tate	183	183	--
Issaquena	13,139	66	13,073	Tippah	57,638	38,241	19,397
Itawamba	72,423	61,559	10,864	Tishomingo	116,335	84,447	31,888
Jackson	65,847	46,197	19,650	Tunica	36	8	28
Jasper	84,375	24,920	59,455	Union	19,107	15,271	3,836
Jefferson	88,550	29,180	59,370	Walthall	41,812	27,893	13,919
Jefferson Davis	59,147	36,619	22,528	Warren	37,429	2,838	34,591
Jones	142,426	73,035	69,391	Washington	7,171	18	7,153
Kemper	81,932	28,821	53,111	Wayne	180,699	79,486	101,213
Lafayette	21,274	20,308	966	Webster	16,193	14,047	2,146
Lamar	75,087	63,853	11,234	Wilkinson	67,075	24,118	42,957
Lauderdale	199,468	82,235	117,233	Winston	50,150	37,716	12,434
Lawrence	63,023	51,036	11,987	Yalobusha	26,558	15,070	11,488
Leake	94,042	64,458	29,584	Yazoo	12,514	3,937	8,577
Lee	27,602	20,610	6,992				
Leflore	2,861	935	1,926				
				All counties	4,649,703	2,604,435	2,045,268

^aCounties with no pulpwood production are omitted.

Table 13.—Round pulpwood production in North Carolina, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Alamance	4,243	1,163	3,080	Lee	16,308	7,752	8,556
Alexander	6,122	5,258	864	Lenoir	23,493	16,625	6,868
Alleghany	929	--	929	Lincoln	6,824	6,618	206
Anson	89,230	56,998	32,232	McDowell	28,553	13,836	14,717
Ashe	88	63	25	Macon	23,038	6,335	16,703
Beaufort	220,234	183,781	36,453	Madison	8,824	3,391	5,433
Bertie	259,400	105,991	153,409	Martin	52,087	35,039	17,048
Bladen	163,091	69,025	94,066	Mecklenburg	7,082	6,367	715
Brunswick	94,540	73,875	20,665	Mitchell	2,121	--	2,121
Buncombe	6,337	1,024	5,313	Montgomery	31,633	16,977	14,656
Burke	29,740	17,383	12,357	Moore	59,103	34,205	24,898
Cabarrus	5,145	5,030	115	Nash	52,517	23,980	28,537
Caldwell	15,011	4,137	10,874	New Hanover	50,772	38,096	12,676
Camden	19,467	6,123	13,344	Northampton	33,779	10,297	23,482
Carteret	27,236	17,573	9,663	Onslow	133,462	117,600	15,862
Caswell	20,819	9,791	11,028	Orange	4,380	1,000	3,380
Catawba	3,907	3,618	289	Pamlico	86,691	56,643	30,048
Chatham	26,546	14,165	12,381	Pasquotank	10,305	4,491	5,814
Cherokee	86,462	46,356	40,106	Pender	82,298	51,237	31,061
Chowan	13,393	5,274	8,119	Perquimans	20,485	7,819	12,666
Clay	4,199	2,955	1,244	Person	16,874	6,552	10,322
Cleveland	26,487	23,572	2,915	Pitt	87,616	46,038	41,578
Columbus	183,140	92,693	90,447	Polk	21,488	13,299	8,189
Craven	230,719	182,641	48,078	Randolph	1,463	1,006	457
Cumberland	85,071	37,671	47,400	Richmond	42,618	31,036	11,582
Currituck	8,493	4,199	4,294	Robeson	81,957	46,767	35,190
Dare	5,130	2,855	2,275	Rockingham	12,188	1,660	10,528
Davidson	7,193	5,956	1,237	Rowan	6,623	5,828	795
Davie	2,874	1,097	1,777	Rutherford	34,526	23,174	11,352
Duplin	66,566	31,153	35,413	Sampson	130,286	81,007	49,279
Durham	7,598	5,694	1,904	Scotland	16,989	13,543	3,446
Edgecombe	49,343	23,678	25,665	Stanly	6,787	2,741	4,046
Forsyth	1,635	2	1,633	Stokes	3,371	41	3,330
Franklin	49,451	29,790	19,661	Surry	7,911	2,911	5,000
Gaston	4,274	4,181	93	Swain	2,015	1,582	433
Gates	68,195	36,989	31,206	Transylvania	4,036	475	3,561
Graham	1,441	617	824	Tyrrell	32,475	23,166	9,309
Granville	35,334	18,991	16,343	Union	8,450	8,183	267
Greene	38,371	21,883	16,488	Vance	14,295	5,666	8,629
Guilford	15,867	4,690	11,177	Wake	31,297	21,273	10,024
Halifax	95,938	69,011	26,927	Warren	56,472	38,103	18,369
Harnett	15,401	6,845	8,556	Washington	33,209	23,807	9,402
Haywood	103,264	38,936	64,328	Watauga	72	--	72
Henderson	2,377	733	1,644	Wayne	32,919	13,581	19,338
Hertford	39,629	16,397	23,232	Wilkes	5,676	605	5,071
Hoke	22,176	19,239	2,937	Wilson	37,515	16,788	20,727
Hyde	46,835	33,043	13,792	Yadkin	1,304	98	1,206
Iredell	14,931	8,315	6,616	Yancey	731	25	706
Jackson	1,829	209	1,620	All counties	3,889,919	2,290,864	1,599,055
Johnston	29,238	9,158	20,080				
Jones	70,062	43,780	26,282				

^aCounties with no pulpwood production are omitted.

Table 14.--Round pulpwood production in Oklahoma,
1987

County ^a	All species	Standard cords	
		Softwood	Hardwood
Choctaw	11,196	4,701	6,495
Latimer	4,226	2,257	1,969
Le Flore	7,587	3,825	3,762
McCurtain	40,319	26,135	14,184
Pushmataha	35,494	17,865	17,629
All counties	98,822	54,783	44,039

^aCounties with no pulpwood production are omitted.

Table 15.--Round pulpwood production in South Carolina, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
	Standard cords				Standard cords		
Abbeville	50,204	26,306	23,898	Jasper	97,775	71,770	26,005
Aiken	58,604	35,337	23,267	Kershaw	134,000	108,188	25,812
Allendale	54,033	40,528	13,505	Lancaster	115,383	71,729	43,654
Anderson	29,000	17,491	11,509	Laurens	107,119	77,945	29,174
Bamberg	26,699	18,148	8,551	Lee	17,907	12,360	5,547
Barnwell	53,278	28,372	24,906	Lexington	20,516	6,942	13,574
Beaufort	47,571	33,129	14,442	McCormick	90,070	69,359	20,711
Berkeley	128,611	118,028	10,583	Marion	42,604	19,403	23,201
Calhoun	19,846	6,265	13,581	Marlboro	53,764	27,119	26,645
Charleston	30,103	23,274	6,829	Newberry	110,267	85,445	24,822
Cherokee	51,403	49,348	2,055	Oconee	25,480	12,711	12,769
Chester	112,096	82,289	29,807	Orangeburg	81,122	27,178	53,944
Chesterfield	84,895	63,767	21,128	Pickens	47,403	24,069	23,334
Clarendon	43,207	20,718	22,489	Richland	60,327	31,154	29,173
Colleton	110,633	76,088	34,545	Saluda	29,042	16,662	12,380
Darlington	41,138	17,696	23,442	Spartanburg	144,618	116,179	28,439
Dillon	31,100	19,400	11,700	Sumter	123,298	66,085	57,213
Dorchester	129,952	75,621	54,331	Union	77,216	67,163	10,053
Edgefield	112,310	72,167	40,143	Williamsburg	134,264	106,526	27,738
Fairfield	166,768	136,591	30,177	York	63,735	58,807	4,928
Florence	69,655	48,525	21,130	All counties	3,587,848	2,465,538	1,122,310
Georgetown	190,861	141,968	48,893				
Greenville	27,415	13,457	13,958				
Greenwood	86,707	48,028	38,679				
Hampton	130,949	92,304	38,645				
Horry	124,900	83,899	41,001				

^aCounties with no pulpwood production are omitted.

Table 16.--Round pulpwood production in Tennessee, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Anderson	9,260	9,260	--	Lawrence	12,184	6,834	5,350
Benton	26,420	11,731	14,689	Lewis	4,945	2,905	2,039
Bledsoe	28,495	13,975	14,520	Loudon	4,824	4,824	--
Blount	10,609	10,609	--	McMinn	59,247	59,247	--
Bradley	39,414	39,414	--	McNairy	25,174	17,212	7,962
Carroll	6,890	3,909	2,981	Madison	4,999	4,389	609
Carter	6,472	--	6,472	Marion	23,796	11,328	12,468
Chester	6,068	4,843	1,226	Mauzy	280	280	--
Claiborne	411	100	311	Meigs	18,905	18,905	--
Cocke	9,411	4,247	5,164	Monroe	43,322	43,322	--
Coffee	2,049	2,049	--	Montgomery	6,962	6,962	--
Cumberland	25,942	25,942	--	Morgan	12,184	12,184	--
Decatur	15,840	9,440	6,400	Overton	10,588	10,588	--
Dickson	612	612	--	Perry	13,317	10,408	2,909
Fayette	1,505	1,505	--	Polk	16,342	16,342	--
Fentress	12,133	12,133	--	Putnam	3,310	3,310	--
Franklin	9,421	--	9,421	Rhea	37,360	37,360	--
Giles	5,708	5,682	26	Roane	14,726	14,726	--
Grainger	2,200	564	1,636	Scott	13,356	13,356	--
Greene	2,882	625	2,257	Sequatchie	13,105	13,105	--
Grundy	29,101	7,556	21,545	Sevier	1,332	1,332	--
Hamilton	36,406	32,768	3,638	Shelby	10	10	--
Hancock	3,993	520	3,473	Stewart	25,179	81	25,098
Hardeman	14,328	13,582	746	Sullivan	5,445	--	5,445
Hardin	40,023	31,893	8,131	Unicoi	219	--	219
Hawkins	8,554	16	8,538	Union	4,143	564	3,579
Haywood	274	274	--	Van Buren	1,206	1,206	--
Henderson	3,509	3,509	--	Washington	184	--	184
Henry	21,088	4,826	16,262	Wayne	159,528	26,816	132,712
Hickman	42,242	6,720	35,523	Weakley	747	747	--
Houston	776	--	776	White	3,542	3,542	--
Humphreys	39,579	110	39,468	Williamson	620	620	--
Jefferson	1,205	1,205	--	All counties	1,020,062	615,068	404,994
Johnson	3,217	--	3,217				
Knox	12,944	12,944	--				

^a Counties with no pulpwood production are omitted.

Table 17.--Round pulpwood production in Texas, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
	Standard cords				Standard cords		
Anderson	5,650	3,347	2,303	Nacogdoches	24,671	21,723	2,948
Angelina	89,973	89,809	164	Newton	137,594	115,808	21,786
Bowie	42,363	24,827	17,536	Orange	14,836	7,642	7,194
Camp	7,750	4,835	2,915	Panola	51,374	32,280	19,094
Cass	206,584	122,459	84,125	Polk	114,525	113,707	818
Cherokee	55,532	51,694	3,838	Red River	2,733	2,271	462
Gregg	602	352	250	Rusk	33,208	20,711	12,497
Grimes	2,651	2,651	--	Sabine	36,752	10,921	25,831
Hardin	183,923	157,495	26,428	San Augustine	24,688	11,022	13,666
Harris	6,129	6,108	21	San Jacinto	3,132	3,132	--
Harrison	110,940	72,169	38,771	Shelby	70,574	53,077	17,497
Henderson	919	584	335	Smith	16,253	6,663	9,590
Hopkins	88	66	22	Titus	12,728	7,266	5,462
Houston	37,416	37,380	36	Trinity	52,431	52,431	--
Jasper	191,126	150,518	40,608	Tyler	50,829	46,228	4,601
Jefferson	4,565	3,942	623	Upshur	23,915	14,699	9,216
Leon	1,150	1,150	--	Van Zandt	4	4	--
Liberty	59,454	58,656	798	Walker	38,588	38,588	--
Llano	2,576	919	1,657	Waller	5,446	5,446	--
Marion	94,036	54,767	39,269	All counties	1,947,878	1,518,051	429,827
Montgomery	86,886	84,879	2,007				
Morris	43,284	25,825	17,459				

^aCounties with no pulpwood production are omitted.

Table 18.--Round pulpwood production in Virginia, 1987

County ^a	All species	Softwood	Hardwood	County ^a	All species	Softwood	Hardwood
Standard cords				Standard cords			
Accomack	11,601	11,589	12	Lancaster	10,137	8,628	1,509
Albemarle	27,226	5,068	22,158	Lee	22,837	--	22,837
Alleghany	13,064	1,679	11,385	Loudoun	1,067	1,052	15
Amelia	25,450	15,599	9,851	Louisa	21,874	21,417	457
Amherst	38,970	7,646	31,324	Lunenburg	43,441	11,297	32,144
Appomattox	29,863	21,967	7,896	Madison	1,878	1,878	--
Arlington	230	226	4	Mathews	99	99	--
Augusta	12,697	3,552	9,145	Mecklenburg	39,853	19,977	19,876
Bath	19,241	3,537	15,704	Middlesex	11,842	5,307	6,535
Bedford	46,021	7,093	38,928	Nelson	27,708	10,486	17,222
Bland	1,065	--	1,065	New Kent	21,713	16,398	5,315
Botetourt	40,065	4,456	35,609	Newport News	159	58	101
Brunswick	62,053	39,702	22,351	Northampton	2,454	2,454	--
Buchanan	21,510	19,350	2,160	Northumberland	9,628	4,634	4,994
Buckingham	99,997	56,416	43,581	Nottoway	21,794	12,900	8,894
Campbell	46,806	19,926	26,880	Orange	6,311	3,085	3,226
Caroline	24,346	16,098	8,248	Page	20	20	--
Carroll	1,332	25	1,307	Patrick	349	13	336
Charles City	24,538	14,123	10,415	Pittsylvania	69,477	31,654	37,823
Charlotte	73,650	43,689	29,961	Powhatan	16,771	11,034	5,737
Chesapeake	10,236	4,131	6,105	Prince Edward	43,908	26,473	17,435
Chesterfield	16,098	13,704	2,394	Prince George	23,330	8,578	14,752
Craig	11,229	1,254	9,975	Prince William	2,537	2,029	508
Culpeper	7,974	4,884	3,090	Rappahannock	4,517	3,492	1,025
Cumberland	52,794	25,571	27,223	Richmond	11,487	8,466	3,021
Dickenson	618	--	618	Roanoke	59	19	40
Dinwiddie	25,225	14,794	10,431	Rockbridge	25,963	4,844	21,119
Essex	14,715	7,008	7,707	Rockingham	2,030	978	1,052
Fairfax	165	143	22	Russell	3,922	--	3,922
Fauquier	12,829	11,480	1,349	Scott	34,412	--	34,412
Fluvanna	22,203	12,621	9,582	Shenandoah	1,320	470	850
Franklin	44,221	14,699	29,522	Smyth	3,642	--	3,642
Frederick	4,377	2,633	1,744	Southampton	72,039	40,221	31,818
Giles	12	12	--	Spotsylvania	42,865	34,256	8,609
Gloucester	32,479	20,213	12,266	Stafford	2,237	2,237	--
Goochland	22,337	14,794	7,543	Suffolk	14,494	6,015	8,479
Greene	23,277	6,145	17,132	Surry	23,253	9,447	13,806
Greensville	21,207	12,958	8,249	Sussex	25,245	10,131	15,114
Halifax	65,198	33,085	32,113	Virginia Beach	4,496	1,411	3,085
Hanover	18,081	14,059	4,022	Warren	4,554	540	4,014
Henrico	7,310	4,331	2,979	Washington	3,109	--	3,109
Henry	35,365	13,990	21,375	Westmoreland	5,791	4,799	992
Highland	8,528	301	8,227	Wise	9,705	--	9,705
Isle of Wight	15,081	6,864	8,217	Wythe	1,189	--	1,189
James City	1,938	1,287	651	York	2,244	655	1,589
King and Queen	39,628	27,336	12,292	All counties	1,854,477	904,951	949,526
King George	2,129	2,082	47				
King William	21,738	15,379	6,359				

^aCounties with no pulpwood production are omitted.

MILL CAPACITY (TONS PER DAY)

• LESS THAN 250

● 250 TO 499

■ 500 TO 999

■ 1,000 TO 1,499

▲ 1,500 OR MORE

○ MILL UNDER CONSTRUCTION

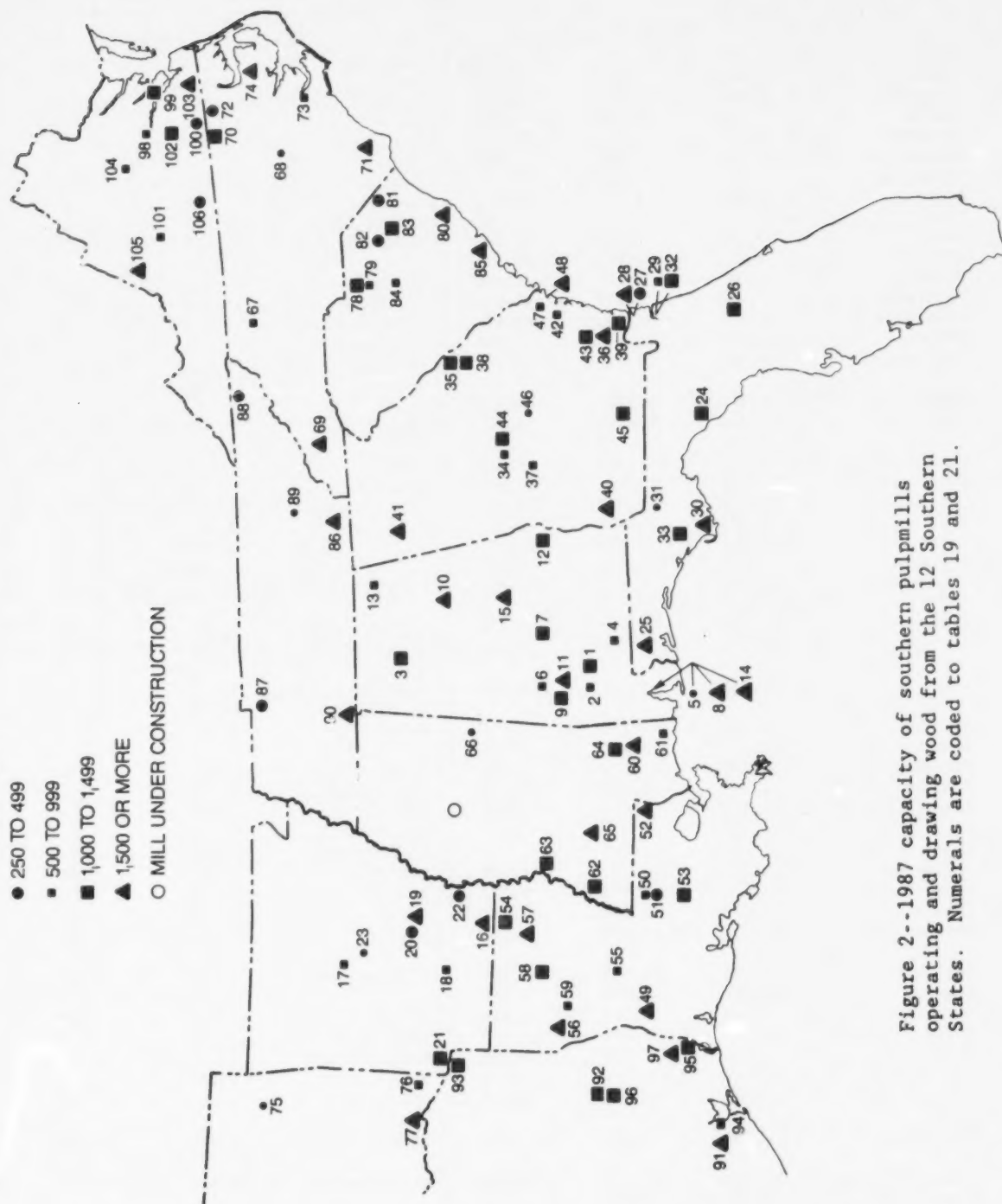


Figure 2--1987 capacity of southern pulp mills operating and drawing wood from the 12 Southern States. Numerals are coded to tables 19 and 21.

Table 19.--Southern pulp mills, by process and capacity, 1987

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			Tons				
ALABAMA							
Claiborne	(1)	Alabama River Pulp Company	1,000	1,000	—	—	—
Jackson	(2)	Boise Cascade Paper Group	600	600	—	—	—
Courtland	(3)	Champion International Corporation	1,350	1,350	—	—	—
Brewton	(4)	Container Corporation of America	800	800	—	—	—
Mobile	(5)	GAF Corporation	50	—	50	—	—
Demopolis	(6)	Gulf States Paper Corporation	525	525	—	—	—
Selma	(7)	Hammermill Paper Company	1,285	1,285	—	—	—
Mobile	(8)	International Paper Company	1,500	1,200	300	—	—
Naheola	(9)	James River Corporation	1,250	1,250	—	—	—
Coosa Pines	(10)	Kimberly-Clark Corporation	2,040	1,100	940	—	—
Pine Hill	(11)	McMillan Bloedel, Inc.	1,684	1,100	—	584	—
Mahrt	(12)	Mead Coated-Board	1,100	1,100	—	—	—
Stevenson	(13)	Mead Paperboard	900	—	—	900	—
Mobile	(14)	Scott Paper Company	1,500	1,500	—	—	—
Montgomery	(15)	Union Camp Corporation	2,300	2,300	—	—	—
Total			17,884	15,110	1,290	1,484	—
ARKANSAS							
Crossett	(16)	Georgia-Pacific Corporation	1,500	1,500	—	—	—
Morrilton	(17)	Green Bay Packaging, Inc.	800	800	—	—	—
Camden	(18)	International Paper Company	750	750	—	—	—
Pine Bluff	(19)	International Paper Company	1,700	1,300	400	—	—
Pine Bluff	(20)	Mid-America Packaging, Inc.	300	300	—	—	—
Ashdown	(21)	Nekoosa Papers, Inc.	1,355	1,355	—	—	—
McGehee	(22)	Potlatch Corporation	450	450	—	—	—
Little Rock	(23)	Superwood Corporation	140	—	140	—	—
Total			6,995	6,455	540	—	—
FLORIDA							
Perry	(24)	The Buckeye Cellulose Corporation	1,000	1,000	—	—	—
Cantonment	(25)	Champion International Corporation	1,560	1,560	—	—	—
Palatka	(26)	Georgia-Pacific Corporation	1,350	1,350	—	—	—
Fernandina Beach	(27)	I.T.T. Rayonier, Inc.	450	—	—	—	450
Fernandina Beach	(28)	Jefferson Smurfit Corporation	1,700	1,400	—	300	—
Jacksonville	(29)	Jefferson Smurfit Corporation	760	760	—	—	—
Port St. Joe	(30)	St. Joe Forest Products	1,700	1,700	—	—	—
Blountstown	(31)	Southeastern Fiberboard, Inc.	210	—	210	—	—
Jacksonville	(32)	Stone Container Corp., Seminole Kraft	1,400	1,400	—	—	—
Panama City	(33)	Stone Container Corporation	1,450	1,450	—	—	—
Total			11,580	10,620	210	300	450
GEORGIA							
Macon	(34)	Armstrong World Industries	927	—	927	—	—
Augusta	(35)	Augusta Newsprint Company	1,170	—	1,170	—	—
Brunswick	(36)	Brunswick Pulp and Paper Company	1,910	1,910	—	—	—
Oglethorpe	(37)	Buckeye Cellulose Corporation	860	860	—	—	—
Augusta	(38)	Federal Paper Board Company	1,000	600	400	—	—
St. Marys	(39)	Gilman Paper Company	1,200	1,200	—	—	—
Cedar Springs	(40)	Great Southern Paper Company	3,100	2,500	—	600	—
Rome	(41)	Inland-Rome, Inc.	2,100	2,100	—	—	—
Riceboro	(42)	Interstate Paper Corporation	550	550	—	—	—
Jesup	(43)	I.T.T. Rayonier, Inc.	1,400	1,400	—	—	—
Macon	(44)	Macon Kraft Company	1,000	1,000	—	—	—
Valdosta	(45)	Nekoosa Packaging Corporation	1,069	1,069	—	—	—
Dublin	(46)	Southeast Paper Mfg. Company	50	—	50	—	—
Port Wentworth	(47)	Stone Container Corporation	875	875	—	—	—
Savannah	(48)	Union Camp Corporation	2,850	2,850	—	—	—
Total			20,061	16,914	2,547	600	—

Continued

Table 19.--Southern pulp mills, by process and capacity, 1987--Continued

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			Tons				
LOUISIANA							
De Ridder	(49)	Boise Cascade Corporation	2,160	1,260	900	--	--
St. Francisville	(50)	Crown Zellerbach Corporation	550	550	--	--	--
St. Francisville	(51)	Crown Zellerbach Corporation	255	--	255	--	--
Bogalusa	(52)	Gaylord Container Corporation	1,600	1,300	--	300	--
Port Hudson	(53)	Georgia-Pacific Corporation	1,450	1,450	--	--	--
Bastrop	(54)	International Paper Company	1,100	1,100	--	--	--
Pineville	(55)	International Paper Company	985	985	--	--	--
Mansfield	(56)	International Paper Company	1,900	1,400	--	500	--
West Monroe	(57)	Manville Forest Products Corporation	2,000	1,600	--	400	--
Hodge	(58)	Stone Container Corporation	1,300	1,300	--	--	--
Campiti	(59)	Williamette Industries, Inc.	800	800	--	--	--
Total			14,100	11,745	1,155	1,200	--
MISSISSIPPI							
Monticello	(60)	Georgia-Pacific Corporation	1,620	1,620	--	--	--
Moss Point	(61)	International Paper Company	700	700	--	--	--
Natchez	(62)	International Paper Company	1,100	1,100	--	--	--
Vicksburg	(63)	International Paper Company	1,180	1,180	--	--	--
New Augusta	(64)	Leaf River Forest Products	1,050	1,050	--	--	--
Laurel	(65)	Masonite Corporation	3,380	--	3,380	--	--
Columbus	(66)	Weyerhaeuser Company	200	--	--	200	--
Total			9,230	5,650	3,380	200	--
NORTH CAROLINA							
Roaring River	(67)	Abitibi-Price Corporation	500	--	500	--	--
Goldboro	(68)	Celotex Corporation	30	--	30	--	--
Canton	(69)	Champion International Corporation	1,600	1,600	--	--	--
Roanoke Rapids	(70)	Champion International Corporation	1,300	1,300	--	--	--
Riegelwood	(71)	Federal Paper Board Company, Inc.	2,100	2,100	--	--	--
Conway	(72)	Georgia-Pacific Corporation	400	--	400	--	--
New Bern	(73)	Weyerhaeuser Company	725	725	--	--	--
Plymouth	(74)	Weyerhaeuser Company	1,550	1,300	--	250	--
Total			8,205	7,025	930	250	--
OKLAHOMA							
Pryor	(75)	Georgia-Pacific Corporation	200	--	200	--	--
Broken Bow	(76)	Weyerhaeuser Company	920	--	920	--	--
Valliant	(77)	Weyerhaeuser Company	2,150	1,650	--	500	--
Total			3,270	1,650	1,120	500	--
SOUTH CAROLINA							
Catawba	(78)	Bowaters Carolina Corporation	1,335	1,125	210	--	--
Catawba	(79)	Catawba Newsprint Company	680	--	680	--	--
Georgetown	(80)	International Paper Company	1,713	1,613	--	100	--
Sellers	(81)	Masonite Corporation	450	--	450	--	--
Hartsville	(82)	Sonoco Products Company	350	--	--	350	--
Florence	(83)	Stone Container Corporation	1,400	1,400	--	--	--
Eastover	(84)	Union Camp Corporation	700	700	--	--	--
Charleston	(85)	Westvaco Corporation	2,435	2,435	--	--	--
Total			9,063	7,273	1,340	450	--

Continued

Table 19.--Southern pulp mills, by process and capacity, 1987--Continued

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			Tons				
TENNESSEE							
Calhoun	(86)	Bowaters Southern Paper Corporation	2,490	690	1,800	--	--
New Johnsonville	(87)	Inland Container Corporation	400	--	--	400	--
Kingsport	(88)	Mead Paper	325	--	--	--	325
Knoxville	(89)	Tamko Asphalt Products, Inc.	180	--	180	--	--
Counce	(90)	Tennessee River Pulp and Paper Company	1,750	1,750	--	--	--
Total			5,145	2,440	1,980	400	325
TEXAS							
Houston	(91)	Champion International Corporation	1,850	650	1,200	--	--
Lufkin	(92)	Champion International Corporation	1,200	400	800	--	--
Texarkana	(93)	International Paper Company	1,200	1,200	--	--	--
Pasadena	(94)	Simpson Pasadena Paper Company	725	725	--	--	--
Orange	(95)	Temple-EasTex, Inc.	1,200	1,200	--	--	--
Diboll	(96)	Temple-EasTex, Inc.	1,430	--	1,430	--	--
Evadale	(97)	Temple-EasTex, Inc.	1,500	1,500	--	--	--
Total			9,105	5,675	3,430	--	--
VIRGINIA							
Ashland	(98)	Bear Island Paper Company	620	--	620	--	--
West Point	(99)	Chesapeake Corporation	1,330	1,330	--	--	--
Jarratt	(100)	Georgia-Pacific Corporation	450	--	450	--	--
Big Island	(101)	Nekoosa Packaging Corporation	675	--	--	675	--
Hopewell	(102)	Stone Container Corporation	1,000	1,000	--	--	--
Franklin	(103)	Union Camp Corporation	1,950	1,950	--	--	--
Riverville	(104)	Virginia Fiber Corporation	600	--	--	600	--
Covington	(105)	Westvaco Corporation	1,626	1,376	--	250	--
Danville	(106)	Wood Fiber Industries	300	--	300	--	--
Total			8,551	5,656	1,370	1,525	--
Total South			123,189	96,213	19,292	6,909	775

^aCorresponds with numbers at locations on mill capacity map, page 24.^bPost's Pulp and Paper Directory, (1987); and other sources.

Table 20.--Other mills using southern pulpwood in 1987, by process and capacity

Location	Company	Pulping capacity, 24 hours ^a				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<u>Tons</u>						
INDIANA						
Terre Haute	Weston Paper and Mfg. Co.	300	--	--	300	--
KENTUCKY						
Wickliffe	Westvaco Corporation	700	700	--	--	--
Hawesville	Willamette Industries	1,010	--	--	1,010	--
MARYLAND						
Luke	Westvaco Corporation	907	907	--	--	--
PENNSYLVANIA						
Spring Grove	P.H. Glatfelter Company	575	575	--	--	--

^aPost's Pulp and Paper Directory (1987); and other sources.

Table 21.--Pulpmills under construction in the South

Location	Map code ^a	Company	Pulping capacity, 24 hours
<u>Tons</u>			
MISSISSIPPI			
Grenada	0	Newsprint South	600

^aSymbol on mill capacity map, page 24.

Hutchins, Cecil C., Jr.

Southern pulpwood production, 1987. Resour Bull. SE-106. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1989. 28 pp.

More than 62 million cords of pulpwood were consumed by 106 pulp mills operating in the South during 1987. This was a 3-percent increase over 1986. Mill capacity increased by almost 3 percent to 123,189 tons per day. One pulp mill was added during 1987 and one was under construction.

KEYWORDS: Pulpwood, roundwood, residues, pulp mills.

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